ABSTRACT

A system that manages non-routine file transfer actions efficiently. An apparatus for managing file transfer actions performs the steps of accepting entry of a file to be made open or the file's attribute information that identifies one of the transfer actions of the file, creating new attribute information for the file to be made open not including the attribute information and adding the new attribute information to the file, updating the attribute information for the file to be made open including the attribute information, storing combination of the identifier of the file to be made open and the attribute information added to the file into a file transfer actions database. The attribute information comprises a unique ID to uniquely identify a file, a sub-ID to uniquely identify one of transfer actions of the file, and a parent sub-ID which is included in updated attribute information to indicate its parent.